

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 62-203649 (71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

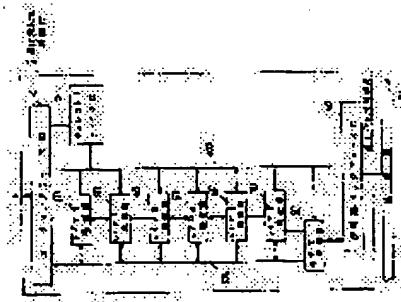
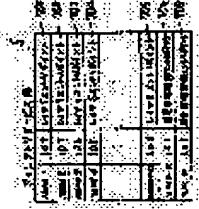
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(54) COMMUNICATION PROTOCOL CONTROLLER

(57)Abstract:

PURPOSE: To attain the communication with a communication protocol controller not supporting all layers on a local area network, by attaining the entry to an optional layer based on an identifier in a directory service section so as to cope with an emergent data and a data requiring real-time nature.

CONSTITUTION: When a user makes a prescribed format to implement transmission, a user interface section 4 of a communication protocol control section 3 receives a request to access a directory service section 5. When the request is name 4, an entry point 704 represented by an iD5 is acquired based on the name 4. The interface section 4 sends a transmission request to a processing section 40 of a layer 5 via a communication line 500 based on the acquired point 704, and the processing section 40 applies protocol processing of the layer 5 to generate a protocol data and a protocol header, which are sent to the processing section 50 of the layer 4. The processing sections 60, 70 of the layers 3, 2 apply similar processing to control a transmission/reception communication control section 80.



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